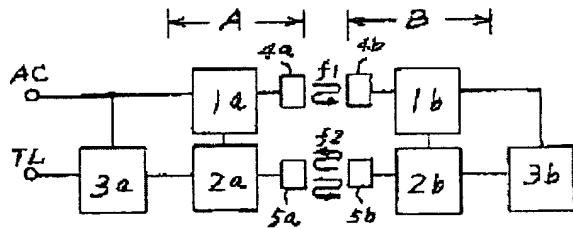


## NON-CONTACT TRANSMISSION DEVICE

**Patent number:** JP2001067449  
**Publication date:** 2001-03-16  
**Inventor:** NAKANO KATSUYOSHI; MATSUSHITA AKIRA  
**Applicant:** NIPPON SYSTEM KENKYUSHO KK;; MATSUSHITA  
 AKIRA  
**Classification:**  
 - **international:** G06K19/07; G06K17/00; H04B5/02  
 - **european:**  
**Application number:** JP20000205290 20000706  
**Priority number(s):** JP20000205290 20000706

### Abstract of JP2001067449

**PROBLEM TO BE SOLVED:** To make stably transferable an information signal irrespective of the fluctuation of a transmission distance between an active module and a passive module by providing a power control part controlling the transmission output of a power transmission part. **SOLUTION:** The active module A emits the electromagnetic wave with a power transmission frequency  $f_1$  from a power transmission head 4a connected to a power transmission part 1a. The passive module B receives the power by a non-contact system when the power transmission head 4a is brought close to a power reception head 4b and they face each other to form an installation state. An attached device 3b modulates an information transmission signal inputted from outside in a signal transmission/reception part 2b and transmits it from a signal transmission/reception head 5b. Signal intensity received in the signal reception part 2a of the passive module A is always negatively fed back by the power transmission part 1a. Thus, power fed to the passive module B is kept in a constant level.



Data supplied from the **esp@cenet** database - Worldwide